

Converting Colors

YIQ(64.0620, 40.9880, 6.0760)

Have a look what the booklet for
YIQ(64.0620, 40.9880, 6.0760)
contains.

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Color

**YIQ(64.0620, 40.9880,
6.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	6B311D
RGB	107, 49, 29
RGB Percent	42%, 19%, 11%
CMY	0.5803, 0.8079, 0.8861
CMYK	0.00, 0.54, 0.73, 0.58
HSL	15°, 57%, 27%
HSV	15°, 73%, 42%
XYZ	7.3869, 5.4113, 1.8205
YIQ	64.0620, 40.9880, 6.0760

Conversions

Conversions Part 2

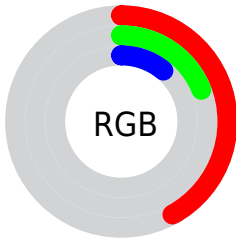
Format	Color
R_{YB}	107, 56, 29
Decimal	7024925
CIE _{Lab}	27.88, 24.26, 24.51
CIE _{LCh}	28, 34.480, 45.295
Yxy	5.4113, 0.5053, 0.3702
Android (android.graphics.Color)	4285215005 (0xFF6B311D)
YUV	64.0620, -17.2856, 37.6566
Hunter-Lab	23.2622, 15.9736, 11.6435

Details

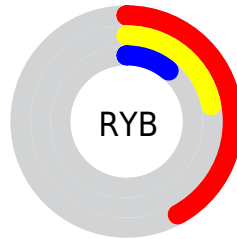
The YIQ color **64.0620, 40.9880, 6.0760** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **71.9380, -40.9880, -6.0760**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.8130, 46.1230, 6.6270**, and **18.4940, 31.0840, 9.3560** is the 20% darker color. If you saturate the color by 10%, you get **58.1120, 46.7190, 6.8390**, and if you desaturate by 10%, it is **70.0120, 35.2570, 5.3130**.

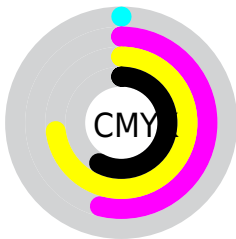
Distribution



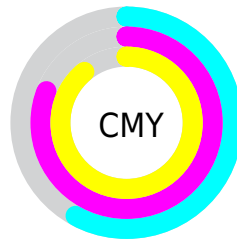
- Red (42%)
- Green (19%)
- Blue (11%)



- Red (42%)
- Yellow (22%)
- Blue (11%)



- Cyan (0%)
- Magenta (54%)
- Yellow (73%)
- Black (58%)



- Cyan (58%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.0620, 40.9880, 6.0760 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 64.0620, 40.9880, 6.0760 by changing the saturation by 10% instead.

■ 64.0620, 40.9880,
6.0760

■ 64.0620, 40.9880,
6.0760

■ 255.0000, -0.0000,
-0.0000

■ 39.8660, 38.6040,
5.2280

■ 113.8130, 46.1230,
6.6270

■ 18.4940, 31.0840,
9.3560

■ 139.8950, 48.8280,
7.1640

■ 8.4860, 16.3670,
6.2470

■ 166.6780, 50.9370,
7.4890

■ 0.0000, 0.0000,
0.0000

■ 194.3470, 53.3670,
7.5030

■ 214.7690, 40.2550,
2.8390

■ 234.9840, 23.2920,

-3.6200

252.2640, 7.7040,
-7.4640

64.0620, 40.9880,
6.0760

64.0620, 40.9880,
6.0760

58.1120, 46.7190,
6.8390

70.0120, 35.2570,
5.3130

52.2760, 52.1290,
7.9130

75.8480, 29.8470,
4.2390

47.8420, 56.3470,
8.5630

81.7980, 24.1160,
3.4760

87.7480, 18.3850,
2.7130

93.6980, 12.6540,
1.9500

■ 99.5340, 7.2440,
0.8760

■ 105.4840, 1.5130,
0.1130

■ 111.4340, -4.2180,
-0.6500

■ 117.2700, -9.6280,
-1.7240

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1950, 39.6560, 19.2080



64.0620, 40.9880, 6.0760



63.2700, 33.9300, -9.1900

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.0620, 40.9880, 6.0760



51.6000, -37.8210, -24.9330



62.8660, -31.3170, 11.3950

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.0620, 40.9880, 6.0760



71.9380, -40.9880, -6.0760

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.6020, -57.3570, -1.2690



64.0620, 40.9880, 6.0760



54.7920, -46.8090, -16.2250

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0620, 40.9880, 6.0760



57.1660, -7.2400, -22.9840



56.9410, -54.2380, -8.2380



67.9690, 2.4260, 22.1220

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.0620, 40.9880, 6.0760



61.8510, 24.6240, -16.7520



56.9410, -54.2380, -8.2380



54.6890, -53.0480, 3.2400

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.0620, 40.9880, 6.0760



122.9650, 16.2760, 2.3880



59.0480, 27.5490, 34.8850



61.3170, 9.3530, 1.2010



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0620, 40.9880, 6.0760



72.6750, 64.1870, 9.6510



86.9550, 30.2630, -14.3210



50.9680, 3.0260, 0.2260



52.5930, 61.4820, 9.1140



110.2360, 128.6950, 18.9910

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.9380, -40.9880, -6.0760



85.3250, -64.1870, -9.6510



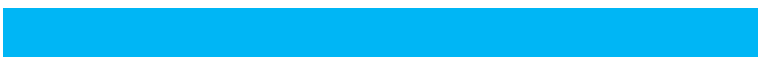
49.6320, -30.5380, 13.7980



51.0320, -3.0260, -0.2260



64.4070, -61.4820, -9.1140



134.7640, -128.6950, -18.9910

Previews

White Background



This preview shows how the YIQ color 64.0620, 40.9880, 6.0760 looks on a white background.

Color Contrast Check

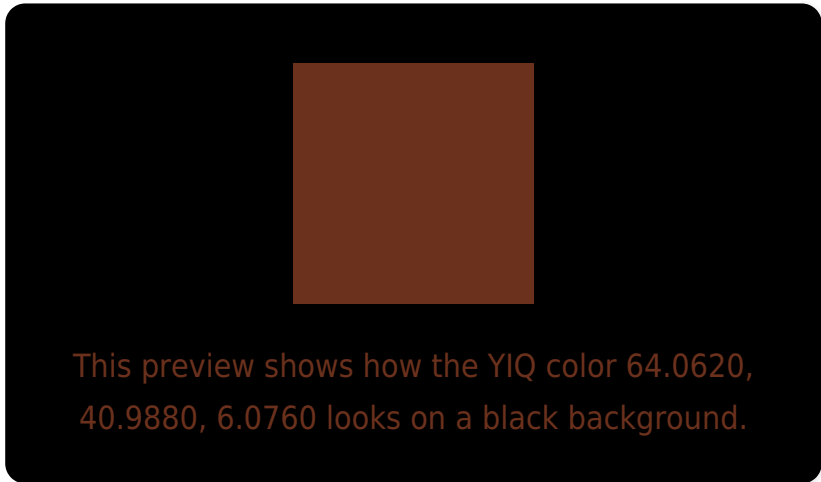
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

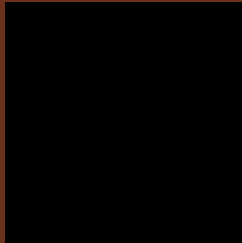
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 64.0620, 40.9880, 6.0760

Background



This preview shows how black text looks on a background with the YIQ color 64.0620, 40.9880, 6.0760.



This preview shows how white text looks on a background with the YIQ color 64.0620, 40.9880,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.0620, 40.9880, 6.0760

Protanopia

65.4450, 14.4440, -8.4680

Deuteranopia

64.7620, 23.7970, -7.2670



Tritanopia

65.5810, 35.3930, 13.8650

Trichromacy



Original Color

64.0620, 40.9880, 6.0760

Protanomaly

64.6960, 24.1630, -2.8850

Deuteranomaly

64.6320, 30.2150, -2.4330

Tritanomaly

65.2560, 37.6860, 10.8540

Monochromacy



Original Color

64.0620, 40.9880, 6.0760

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.3670, 15.0840, 1.9640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.0620, 40.9880, 6.0760 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(107, 49, 29)` looks like.

```
.text, #text, p{  
    color:rgb(107, 49, 29)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(107, 49, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 49, 29) }
```

Border

The CSS property to change the border of an element to YIQ 64.0620, 40.9880, 6.0760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 49, 29) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(107, 49, 29) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(107, 49, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 49, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 49, 29);  
box-shadow:4px 4px 4px 4px rgb(107, 49,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 64.0620, 40.9880, 6.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 49, 29) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(107, 49,  
29) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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